

GENERAL NOTES

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER. APPROVAL OF THESE PLANS BY THE CITY OF AUSTIN DOES NOT REMOVE THESE RESPONSIBILITIES. REVIEWED BY AUSTIN WATER APPLIES ONLY TO FACILITIES WITHIN PUBLIC STREETS OR PUBLIC UTILITY EASEMENTS. ALL OTHER WATER AND WASTEWATER FACILITIES INSIDE PRIVATE PROPERTY ARE UNDER THE JURISDICTION OF BUILDING INSPECTIONS.

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FIRE FLOW TEST DATA

PLACE FIRE FLOW TEST DATA IF APPLICABLE

THIS BLOCK MAY BE REARRANGED OR DELETED IF NOT REQUIRED

INSPECTION NOTES

Please contact Development Services Department, Site and Subdivision Inspection at siteandsub@AustinTexas.gov for arrangements for payment of inspection fees and job assignment for inspection of the public utilities to this site. Inspection fees must be paid before any pre-construction meeting can be held.

SERVICE EXTENSION REQUESTS

WATER SER NO. XXXX

PLACE WATER OR WASTEWATER SER IF APPLICABLE

THIS BLOCK MAY BE REARRANGED OR DELETED IF NOT REQUIRED

PROJECT INFORMATION

FIRE, DOMESTIC AND IRRIGATION DEMAND DATA

MASSCO NUMBER:	
AW INTERSECTION NUMBER:	
BUILDING SIZE IN SQUARE FEET:	
BUILDING TYPE PER IFC:	
BUILDING HEIGHT:	
AVAILABLE FIRE FLOW CALCS AT 20 PSI:	
REQUIRED BUILDING FIRE FLOW PER IFC:	
REDUCED FIRE FLOW PER % FIRE SPRINKLER REDUCTION:	
*MINIMUM FIRE FLOW:	
DOMESTIC WATER DEMAND IN GPM:	
WATER SUPPLY FUTURE UNITS (WSPFU) FLUSH TANKS OR FLUSHMETERS:	
AUSTIN WATER PRESSURE ZONE:	
STATIC WATER PRESSURE IN PSI:	
STATIC PRESSURE AT THE HIGHEST LOT SERVED IN PSI:	
STATIC PRESSURE AT THE LOWEST LOT SERVED IN PSI:	
IRRIGATION DEMAND:	
8" FIRE LINE VELOCITY:	
6" DOMESTIC LINE VELOCITY:	

NOTE: LOTS WITH 65 PG OR GREATER REQUIRE A PVT TO BE INSTALLED ON THE PROPERTY OWNERS SIDE OF THE DOMESTIC WATER METER.
ON MINIMUM FIRE FLOW, FOR COMMERCIAL DEVELOPMENT, DESIGN ENGINEER MUST INCLUDE 1500 GALLONS PER MINUTE OR REDUCED FIRE FLOW AMOUNT, WHICHEVER IS GREATER AND 1000 GALLONS PER MINUTE ON RESIDENTIAL DEVELOPMENT/SUBDIVISION

STANDARD CONSTRUCTION NOTES

NOVEMBER 23, 2017

1. THE CITY STANDARD CONSTRUCTION SPECIFICATIONS CURRENT AT THE TIME OF BIDDING SHALL COVER MATERIALS AND METHODS USED TO DO THIS WORK.
2. CONTRACTOR MUST OBTAIN A STREET CUT PERMIT FROM AUSTIN TRANSPORTATION DEPARTMENT, RIGHT OF WAY MANAGEMENT DIVISION BEFORE BEGINNING CONSTRUCTION WITHIN THE RIGHT-OF-WAY OF A PUBLIC STREET OR ALLEY.
3. AT LEAST 48 HOURS BEFORE BEGINNING ANY WATER AND WASTEWATER CONSTRUCTION IN PUBLIC R.O.W. OR PUBLIC EASEMENT, THE CONTRACTOR SHALL NOTIFY AUSTIN TRANSPORTATION INSPECTION OR DEVELOPMENT SERVICES DEPARTMENT (DSD) INSPECTIONS AT THE NUMBER INDICATED ON THE PLANS BY THE AW PLAN REVIEWER.
4. THE CONTRACTOR SHALL CONTACT THE AUSTIN AREA "ONE CALL" SYSTEM AT 1-800-344-8377 FOR EXISTING UTILITY LOCATIONS PRIOR TO ANY EXCAVATION IN ADVANCE OF CONSTRUCTION. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES TO BE EXISTING, TIED TO, OR ALTERED, OR SUBJECT TO DAMAGE/INCONVENIENCE BY THE CONSTRUCTION OPERATIONS. THE CITY OF AUSTIN WATER AND WASTEWATER MAINTENANCE RESPONSIBILITY ENDS AT R.O.W./EASEMENT LINES.
5. NO OTHER UTILITY SERVICE/APPOINTANCES SHALL BE PLACED NEAR THE PROPERTY LINE, OR OTHER ASSIGNED LOCATION DESIGNATED FOR WATER AND WASTEWATER UTILITY SERVICE THAT WOULD INTERFERE WITH THE WATER AND WASTEWATER SERVICES.
6. THE CITY SPECIFICATION ITEM 5095 WILL BE REQUIRED AS A MINIMUM TRENCH SAFETY MEASURE.
7. ALL MATERIALS TESTS ORDERED BY THE OWNER FOR QUALITY ASSURANCE PURPOSES, SHALL BE CONDUCTED BY AN INDEPENDENT LABORATORY AND FUNDED BY THE OWNER IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEM 1809S.04.
8. PRESSURE TAPS SHALL BE ALLOWED ON A CASE BY CASE BASIS, AS DETERMINED BY THE DIRECTOR'S DESIGNEE. NORMALLY PRESSURE TAPS 4 INCHES AND LARGER SHALL BE ALLOWED IN THE FOLLOWING CASES: A) A TEST SHUT OUT INDICATES AN ADEQUATE SHUT OUT TO PERFORM THE WORK IS NOT FEASIBLE B) MORE THAN 30 CUSTOMERS OR A SINGLE CRITICAL CUSTOMER (AS DETERMINED BY AUSTIN WATER) WOULD BE IMPACTED BY THE SHUT OUT OR C) THE EXISTING WATER LINE WARRANTS IT.
9. THIRD RESTRAINT SHALL BE IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEM 5113.4 AND SHALL BE PAINTED FLUAT ALUMINUM OR EQUAL. FIRE HYDRANTS AND ASSOCIATED VALVES, TEN (10) YEARS AND OLDER WILL BE REQUIRED TO BE REPLACED WITH A NEW FIRE HYDRANT AND APPURTENANCES.
10. FIRE HYDRANTS SHALL BE SET IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEM 5113.4 AND SHALL BE PAINTED FLUAT ALUMINUM OR EQUAL. FIRE HYDRANTS TESTING SHALL BE CONDUCTED AND FULL UNDER THE SPECIFICATIONS AS WATER LINES (PRESSURE PIPE) OR AT THE PRESSURES SHOWN ON THE APPROVED PLANS.
11. ALL MATERIAL USED ON THIS PROJECT MUST BE LISTED ON THE STANDARD PRODUCTS LISTING. ANY MATERIAL NOT LISTED HAS TO GO THROUGH THE REVIEW OF THE STANDARDS COMMITTEE FOR REVIEW AND APPROVAL PRIOR TO START OF PROJECT. TESTING AND EVALUATION OF PRODUCTS ARE REQUIRED BEFORE APPROVAL WILL BE GIVEN ANY CONSIDERATION.
12. WHEN WATER SERVICES ARE DAMAGED AND THE SERVICE MATERIAL IS THE LINE SHALL BE REPAIRED ONLY BY HEAT FUSION WELD OR REPLACED THE FULL LENGTH WITH THE SAME KIND AND SIZE SERVICE MATERIAL AS THE ORIGINAL SERVICE MATERIAL WITHIN ANY 54", THE SERVICE LINE SHALL BE REPLACED FULL LENGTH WITH THE 4" COVER MATERIAL. NOTE: FULL LENGTH IS FROM CORPORATION STOP TO METER.
13. WHEN AN EXISTING WATERLINE SHUT OUT IS NECESSARY AND POSSIBLE, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTOR WHO WILL THEN NOTIFY AUSTIN WATER DISPATCH AND THE AFFECTED CUSTOMERS A MINIMUM OF SEVENTY-TWO (72) HOURS IN ADVANCE.
14. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTOR SO THAT HE CAN NOTIFY THE AUSTIN WATER AT 972-9000 AT A MINIMUM OF 72 HOURS PRIOR TO RELOCATING ANY DOMESTIC OR FIRE DEMAND WATER METERS. THE CONTRACTOR SHALL CAREFULLY REMOVE ALL METERS AND METERS BOXES THAT ARE INDICATED TO BE RELOCATED OR SALVAGED. THE CONTRACTOR SHALL INSTALL THE REMOVED METER OR CITY PROVIDED METER AT THE NEW LOCATION INDICATED ON THE CONSTRUCTION PLANS.
15. WATER AND WASTE WATER SERVICES WILL NEED TO BE REPLACED UP TO THE MAIN. REPAIR COUPLINGS ARE NOT ALLOWED ON NEW INSTALLATIONS.
16. ALL MANHOLES IN UNPAVED AREAS PROVIDING DIRECT ACCESS TO A WASTEWATER LINE SHALL BE WATERIGHT AND BEAR THE WINDING AND INSIGNIA FOR THE CITY OF AUSTIN.
17. THE CONTRACTOR SHALL VERIFY ALL VERTICAL AND HORIZONTAL LOCATIONS OF EXISTING UTILITIES, BELOW GROUND AND OVERHEAD, PRIOR TO STARTING ON SITE UTILITY WORK.
18. ALL WATER AND WASTEWATER MAINS SHALL BE INSTALLED IN ACCORDANCE WITH THE SEPARATION DISTANCES INDICATED IN CHAPTER 290 - DRINKING WATER STANDARDS, CHAPTER 217 - DESIGN CRITERIA FOR SEWERAGE SYSTEMS AND CHAPTER 210 - DESIGN CRITERIA FOR RECLAIMED SYSTEMS OF TCEQ RULES.
19. CONTRACTORS PERSONNEL THAT PERFORM BUTT FUSION AND ELECTROFUSION ON OR TO HIDE PIPE AND FITTINGS MUST HAVE CURRENT QUALIFICATION TRAINING CERTIFICATE ISSUED BY MCELEROY OR COMPARABLE TRAINING PROGRAM.
20. SHOP DRAWINGS SIGNED AND SEALED BY A PROFESSIONAL STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF TEXAS, SHALL BE SUBMITTED FOR AUSTIN WATER APPROVAL FOR LARGER DIAMETER PRE-CAST MANHOLES, JUNCTION BOXES, WET WELLS, AND SIMILAR STRUCTURES. THE SHOP DRAWINGS SHALL INCLUDE FLOWLINE ELEVATIONS AND BEARING OF ALL VERTICAL OPENINGS. ELEVATION OR COMPARABLE INFORMATION SHALL BE SPECIFIC TO EACH STRUCTURE. TOP OF MANHOLE ELEVATION, SURROUNDING GROUND ELEVATION AND VERTICAL CLEARANCE SHALL BE INDICATED ON ALL STRUCTURES.
21. VALUE STREAM EXTENSIONS SHALL CONSIST OF A SINGLE PIECE OF IRON ROD OF THE REQUIRED LENGTH WITHIN A SOCKET ON ONE END AND NUT ON THE OTHER.
22. ALL PORTABLE WATER SYSTEM COMPONENTS MUST BE INSTALLED BY JANUARY 4, 2014, SHALL BE ESSENTIALLY LEAD FREE, ACCORDING TO THE US SAFE DRINKING WATER ACT. EXCEPT FOR THE PORTABLE WATER SYSTEMS, ALL PORTABLE WATER SYSTEMS SHALL BE INSTALLED WITHIN THE 4" COVER MATERIAL. THE PORTABLE WATER SYSTEMS SHALL BE INSTALLED WITHIN THE 4" COVER MATERIAL. THE MANUFACTURER AS MEETING THIS REQUIREMENT EITHER BY MARKINGS ON THE COMPONENT OR ON THE PACKAGING SHALL NOT BE INSTALLED.
23. ALL FIRE HYDRANTS AND VALVES THAT ARE TO BE ABANDONED SHALL BE REMOVED, SALVAGED AND RETURNED TO AUSTIN WATER. NOTICE SHOULD BE GIVEN 48 HOURS PRIOR TO RETURN TO PIPELINE OPERATIONS DISTRIBUTION SYSTEM MAINTENANCE. VALVES AND HYDANT SERVICES, SUPERVISING AW PIPELINE TECHNICIAN AT 512-972-1133 AND GIVEN IMMEDIATELY TO THE DSD INSPECTOR.
24. ALL EXISTING WATER METERS IDENTIFIED TO BE RELOCATED OR ABANDONED AT THE DEVELOPMENT, SHALL BE REMOVED FROM THE METERS BOX PRIOR TO CONSTRUCTION AND GIVEN IMMEDIATELY TO THE DSD INSPECTOR.
25. THE ENGINEER SHALL CALL OUT THE SIZE, TYPE AND USE (DOMESTIC OR IRRIGATION) OF ALL EXISTING WATER METERS TO BE RELOCATED OR REPURPOSED. WATER METER NUMBERS WILL NOT BE REQUIRED TO BE PLACED ON THE PLAN SHEET. A SEPARATE AUSTIN WATER TAPS OFFICE FORM WILL BE USED TO PROVIDE RELEVANT INFORMATION FOR THE EXISTING INFORMATION ON EXISTING METERS TO RECEIVE APPROPRIATE CREDITS. THIS FORM SHALL BE DIRECTLY SUBMITTED TO AUSTIN WATER TAPS OFFICE FOR REVIEW AND PROCESSING.
26. NO CONNECTION MAY BE MADE BETWEEN THE PRIVATE PUMPING AND AUSTIN WATER INFRASTRUCTURE UNTIL A CITY APPROVED WATER METER HAS BEEN INSTALLED.
27. ALL GRAVITY LINES SHALL BE INSTALLED DOWNSTREAM TO UPSTREAM.
28. METER BOXES AND CLEAN OUTS SHALL NOT BE LOCATED WITHIN PAVED AREAS SUCH AS DRIVEWAYS AND SIDEWALKS.
29. PROTECTED STREET STATUS IS SUBJECT TO CHANGE OVER TIME. IT IS THE OWNERS RESPONSIBILITY TO CONFIRM THE STREET STATUS PRIOR TO CONSTRUCTION AS BRIDGE DIVISION OF THE TRANSPORTATION DEPARTMENT IS REQUIRED.

CITY OF AUSTIN
APPROVAL BLOCK

Meter Notice:
Meter 1.5 inches and larger must be purchased and ordered 90 days in advance of installation.

Meter(s) Requirement for Project:
Address:
Proposed Use:
Type:
Size: GPM:
Service Units:

Meter(s) Requirement for Project:
Address:
Proposed Use:
Type:
Size: GPM:
Service Units:

Reclaimed Meter(s) Requirement for Project:
Address:
Proposed Use:
Type:
Size: GPM:

AUSTIN WATER GENERAL INFORMATION AND CONSTRUCTION NOTES FOR COMMERCIAL SITES AND SUBDIVISION PLANS

CITY OF AUSTIN
AUSTIN WATER
APRIL 6, 2018
VERSION 1.1
STANDARD NO.
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